



Alex Wetmore

1909

Aug. 29, 1909 - February 12, 1910

$\frac{LH}{75}$

Rock Wren. Trinidad
Sept 24, First primary
right wing white.
no further sign of
Albinism.

erratic nesting
Perrisoreus, Soxia,
etc. due to fact that
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when not as much
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DATE _____

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I N-B.

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N.E.

SONGS, CALLS

N.N.

PLUMAGE

Y.Y.

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No. F.

No. M.

No. HD

No. SN.

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♀ 3891		0	✓ 198	124
♀ 3960		0	✓ 197	130
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♀ 3961	Dickcissel	0	✓ 206	133
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♂ 3844	dis. phalaena	0	✓ 194	128
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Aug. 29, 1909 - February 12, 1910

Aug 29, Sunday.

4314. *Cyanocitta Stelleri diademata*. Q. Wetmore
Turkey Creek Canyon Morrison Colo. alt 7000 ft. L. 285
4315. *Cyanocitta Stelleri diademata*. Q. Wetmore
Turkey Creek Canyon Morrison, Colo alt 7000 ft. L. 295
4316. *Cyanocitta Stelleri diademata*. Q. Wetmore
Turkey Creek Canyon Morrison Colo alt 7000 ft. L. 288
4317. *Cyanocitta Stelleri diademata*. Q. Wetmore
Turkey Creek Canyon Morrison Colo alt 7000 ft. L. 292
4318. *Zenaidura macroura carolinensis* Q. Wetmore
Foot hills south of Morrison Colo alt 6000 ft. L. 311
4319. *Zenaidura macroura carolinensis* Q. Wetmore
Foot hills south of Morrison Colo alt 6000 ft. L. 290
4320. *Zenaidura macroura carolinensis* Q. Wetmore
Turkey Creek Canyon Morrison Colo alt 7000 ft. L. 262
4321. *Oreospiza chlorura*. Q. Wetmore. Turkey Creek
Morrison Colo alt 8500 ft. Length 160
4322. *Spizella passerina arizonae*. Q. Wetmore
Turkey Creek, Morrison Colo alt 8500 ft. Length 135
4323. *Spizella passerina arizonae*. Q. Wetmore
Turkey Creek, Morrison, Colo alt 8500 ft. Length 140
4324. *Penthestes gambeli*. Q. Wetmore. Turkey Creek
Canyon, Morrison, Colo alt 7000 ft. Length 138
4325. *Penthestes gambeli*. Q. Wetmore. Turkey Creek
Canyon Morrison Colo alt 7000 ft. Length 132.
4326. *Cyanocitta Stelleri diademata*. Q. Wetmore
Turkey Creek Canyon, Morrison Colo. alt 7000 ft. L. 285

This morning ~~after~~ I went to
Morrison on the eight o'clock train of
the C & S. The road was a narrow
gauge and after crossing the Platte
River and Bear Creek followed to the
south of Bear Creek on a little rise.
Goldenrods and various other fall
flowers were out and the alfalfa fields
swarmed with the white butterfly
pieris. Morrison has like Golden between

the hogback and the foothills and the train backed in through the opening occupied by Bear Creek first going around a wye. Near the wye were a number of lakes, storage reservoirs of ~~the~~ part of Denver's water supply. Morrison is a little town of three or four hundred inhabitants with a rather pretentious hotel owned by Brisbane Walker. From Morrison which is at the mouth of Bear Creek Canyon my way led south to Turkey Creek canyon about three miles along a winding road which led up and down at the edge of the foothills. East the main view was cut off by the hogback. The valley between was in places occupied by ranches with corn and grain fields and in other places merely rocky country studded with plum brush and guarded by formidable "No Trespass" signs. At the entrance of Turkey Creek Canyon the road was two hundred feet above the bed of the creek but three miles up gradually sloped down to meet the rising bed of the stream and then followed beside or up the canyon. This was the old Leadville stage line. The canyon at first was deep and had steep walls but these were gradually lowered as the stream rose and finally about five miles up opened into a long narrow part occupied by ranches. Pines and spruces were everywhere and considerable

growths of oak were met with. Along the creek were narrow-leaved cottonwoods and various shrubs giving off a pleasant odor in the sun. At the entrance to the park I climbed a steep mountain and here was at an elevation of about nine thousand feet. From here I went down the other side into the canyon again and so back to town.

I confidently expected to find something new in the bird line here but was badly disappointed. The country was good bird country and the scenery the best possible but there was nothing doing in the bird line. I looked for water ouisls all along but failed to find them.

The Song-crested larks were the common birds and never have I seen them so abundant usually however they were above ~~or below~~ me where I could not get at them. I took several however and heard their notes continually.

Mourning doves were also abundant and I think they have come down in here from the country around Golden because of the grain which has just been cut. Those taken were shot in the canyon or at its mouth and had been feeding on sunflowers and a small black seed.

Ran into one small flock

of Mountain Chickadees ~~and~~ The
Oaks and shot three but could
only find two.

Shot a Western Wood Pewee on
the wing along the creek, the only
one seen but I could not find it.

On the mountain that I climbed
were numerous Chipping Sparrows
flying in loose flocks among the
pines. I shot two both immatures
the first young one taken.

Also shot a Lewis Woodpecker
that I did not find and saw
Flickers and Robins feeding on the
mountainside.

In one place at 7500 ft heard
a peculiar test coming from the
grass and finally traced it to a
young Green-tailed Towhee just
out of the nest sitting quietly on
a stone. From there it flew into a
pine when disturbed and I shot
it.

Saw Quail pheasants and
two Western Night hawks from the
train.

Sept. 5, Sunday

4327. *Junco caniceps* Q. Wetmore Monument
Creek Canyon, alt. 8000 Length 160 Palmer Lake, Colo
4328. *Junco mexicanus unicolor*. Q. Wetmore
2nd Stem Monument Creek Canyon Palmer Lake, Colo
alt. 8000 ft. Length 180
4329. *Pentstemon gambelii*. Q. Wetmore. Monument
Creek Canyon, Palmer Lake, Colo alt 8000 Length 130
4330 *Pentstemon stricapsus septentrionalis*. Q. Wetmore
Monument Creek Canyon Palmer Lake, Colo alt. 8000
Length 134.

4331. *Wilsonia pallida pusilla pileolata*. G. Wetmore
Monument Creek Canyon, Palmer Lake Colo alt 8000
Length 115
4332. *Ischyrocineta thalassina lepida*. G. Wetmore
Monument Creek Canyon Palmer Lake Colo alt 8000
ft. 2nd dam Length 120
4333. *Ischyrocineta thalassina lepida*. G. Wetmore
Monument Creek Canyon Palmer Lake, Colo 2nd
dam alt 8000 ft. Length 115
4334. *Penthestes atricapillus septentrionalis* G. Wetmore
Monument Creek Canyon Palmer Lake Colo alt
8000 Length 125.
4335. *Oreospiza chlorura*. G. Wetmore Monument
Creek Canyon alt. 8000 Length 157. Palmer Lake, Colo.
4336. *Oreospiza chlorura*. G. Wetmore Monument
Creek Canyon alt. 8000. Length 182 Palmer Lake Colo
4337. *Empidonax difficilis*. G. Wetmore Monument
Creek Canyon alt 8000 Length 130 Palmer Lake Colo
4338. *Empidonax difficilis*. G. Wetmore Monument
Creek Canyon alt 8000 Length 132 Palmer Lake Colo
4339. *Empidonax difficilis*. G. Wetmore Monument
Creek Canyon alt. 8000. Length 130 Palmer Lake Colo
4340. *Vireosylva gilva swainsonii* G. Wetmore Monument
Creek Canyon alt. 8000 Length 130 Palmer Lake Colo
4341. *Oporornis tolmiei*. G. Wetmore Monument Creek
Canyon alt. 8000 Length 125 Palmer Lake Colo
4342. *Troglodytes aedon parkmanii*. G. Wetmore Monument
Creek Canyon alt. 8000 Length 112. Palmer Lake, Colo
- 4342

Last night Bob Rockwell & I left Glenora
on the D & R. G. at seven o'clock for Palmer
Lake at the summit of the divide. It was
raining when we started and had been
drizzling all day long, a most unusual
circumstance for Colorado. It was so
dark that we could see nothing of the
country along the road but finally reached

Palmer Lake about nine o'clock, still raining, foggy and one of the darkest nights I ever saw. Inquiries for a room elicited the information that we could probably find accommodations at the streets not far from the depot. So after a few minutes' consultation we stumbled up a hill in the pitch blackness and after various misadventures were finally safely housed.

This morning the rain still continued and it was quite chilly and so foggy that we could see hardly two hundred feet. After a hearty breakfast we started up the canyon of North Monument Creek. The road led along a rather steep canyon wooded with pines and spruces. The Creek was very high because of the unusual rains and in many places the roads were washed. There were two dams here or reservoirs holding water the second being the largest.

Palmer Lake has an elevation of 7200 feet but we were soon at an elevation of 8000. From the second dam were two smaller, shallower canyons wooded mainly with quaking asp and oak. Crossed a low mountain or rather hill into South Monument Creek Canyon and returned by this to town. An old prospector whom we met said the Creek was higher than ever before to his knowledge. The road now led along ~~over~~ a very steep canyon high up on the side but the fog concealed

everything from sight. Emerging from the pines we came into a rather extensive area of oak brush some of it growing to rather a large size. Then crossing a grainfield and wandering around for awhile ~~around~~ in the fog trying to get away from the Cottages in Glen Park we returned to town.

The area of fog and rain did not appear to extend above 8000 feet but all the brush was saturated and we were soaking wet half way to our huts.

The rock formation consisted of a very coarse grained granite which decomposed readily into large pieces of quartz. Sometimes large pieces could be broken off the huge boulders which were scattered every where. These boulders were of enormous size and appeared to show glacial action.

The small chipmunk *Eutamias* (species?) was common on the rocks and ten were taken. Several *Callospermophilus* were seen also and two taken. They were feeding on the seeds of a yucca and we found little piles of refuse from their meals every where.

Noticed in one place where beaver had been cutting down brush and across a branch of North Mountain Creek found a small dam freshly constructed of small sticks. Also noticed one asp four inches through that had been cut down. Saw Beaver sign in at least three places.

Found both *Penthestes gambeli* and *P. a. septentrionalis* at 7000 feet and took specimens of each. They are easily distinguished by their notes. Those of the former being slower and more drawn.

Birds however were very scarce and we hunted hard for what we did get. Nearly all the small birds were found in mixed flocks with the Chickadees and were feeding rather hurriedly through the quaking aspens.

On such flocks I took one each of the Western Warbling Vireo and Pileolated Warbler.

One House Wren was taken in fine plumage and another see.

I thought once I saw two Ruby Crowned Kinglets in the brush but did not catch sight of them so was not positively sure.

One Junco ^{caniceps} was taken with the rest and I saw an olive-sided Flycatcher.

At the second dam a water ouzel flew across and lit on a rock. I slipped upon it and shot it from the dam. It fluttered up the rock and we had quite a time getting it. Heard another one sing and call but could not find it. The one taken was a young bird in rather peculiar plumage.

The Macgillivray Warbler was shot on North Monument Creek.

Song-crowned Jays were common but were hard to get near. I believe jays

are more wary in this kind of weather. They were frequently seen flying high over head and I tried a couple of long wing shots but missed.

Around the second dawn two violet green swallows were feeding. As I stepped out in the open they flew toward me and were dropped. I was rather surprised to note them here as there could have been no insects here. The stomachs were empty.

In one clump of quaking asp were three Western Flycatchers. They had a peculiar call note tsut and gave it continually. They were very quiet however and hard to follow. In among the quaking asp were some thick clumps of willow and they also frequented these.

Almost the first bird I shot was a green-tailed Towhee and later secured a young in first plumage.

Saw one Mourning Dove.

Sept 6, Monday.

4343. *Pipilo maculatus montanus*. Q. Wetmore east of Palmer Lake Colo alt 7200. Length 193
 4344. *Spizella passerina arizonae* Q. Wetmore east of Palmer Lake, Colo alt 7200 Length 138
 4345. *Saniviro solitarius plumbeus*. Q. Wetmore east of Palmer Lake, Colo alt 7200 Length 130
 4346. *Sitta carolinensis nelsoni* Q. Wetmore east of Palmer Lake, Colo alt 7200 Length 136
 4347. *Psaltriparus gambeli* Q. Wetmore east of Palmer Lake, Colo. alt. 7200. Length 125.

4348. *Oreospiza chlorura*. A. Wetmore. East of Palmer Lake, Colo alt 7200 ft. Length 182
4349. *Sainwies solitarius plumbeus* A. Wetmore east of Palmer Lake Colo alt 7200 ft. Length 135
4350. *Penthestes atricapillus septentrionalis*. A. Wetmore east of Palmer Lake Colo alt 7200 ft. Length 130
4351. *Spizella pusilla arenacea* A. Wetmore east of Palmer Lake Colo alt 7500 ft. Length 133
4352. *Pipilo maculatus montanus* A. Wetmore east of Palmer Lake Colo alt 7500 ft. Length 180
4353. *Ammodramus auduboni* A. Wetmore east of Palmer Lake Colo alt 7500 Length 133
4354. *Melospiza borealis* A. Wetmore east of Palmer Lake Colo alt 7500 Length 170
4355. *Pipilo maculatus montanus* A. Wetmore east of Palmer Lake Colo ~~Length~~ alt 7500
4356. *Sainwies solitarius plumbeus*. A. Wetmore east of Palmer Lake Colo ~~Length~~ alt 7500
4357. *Penthestes gambelii* A. Wetmore east of Palmer Lake, Colo alt 7500 ~~alt~~ Length 133.
4358. *Helminthophila virginiae*. A. Wetmore east of Palmer Lake Colo alt 7500 Length 120
4359. *Spizella passerina arizonae*. A. Wetmore east of Palmer Lake Colo alt 7500 Length 130
4360. *Ammodramus auduboni* A. Wetmore east of Palmer Lake Colo alt 7500 Length 125
4361. *Salpinctes obsoletus*. A. Wetmore east of Palmer Lake Colo alt 7500 Length 132
4362. *Spizella passerina arizonae* A. Wetmore east of Palmer Lake, Colo alt 7500 Length 128
4363. *Sitta carolinensis nelsoni*. A. Wetmore east of Palmer Lake Colo alt 7500 Length 142
4364. *Helminthophila virginiae*. A. Wetmore east of Palmer Lake, Colo alt 7500 Length 115
4365. *Penthestes gambelii*. A. Wetmore east of Palmer Lake, Colo alt 7500 Length 127

4366. *Helminthophila virginiae* A. Wetmore east of
Palmer Lake, Colo alt 7500 Length 110
4367. *Sphyrapicus thyroideus* A. Wetmore east of
Palmer Lake Colo alt 7500 Length 211
4368. *Cyanocephalus cyanocephalus* A. Wetmore east
of Palmer Lake Colo alt 7500 Length 270
4369. *Penthestes atricapillus septentrionalis* A. Wetmore
east of Palmer Lake Colo alt 7500 Length 138
4370. *Asyndesmus lewisi* A. Wetmore east of
Palmer Lake Colo alt 7500 Length 270
4371. *Spizella pusilla arenacea* A. Wetmore east of
Palmer Lake Colo alt 7500 Length 135
4372. *Spizella passerina arizonae* A. Wetmore east
of Palmer Lake Colo alt 7500 Length 133
4373. *Saniviro solitarius plumbeus* A. Wetmore
east of Palmer Lake Colo alt 7500 Length 142
4374. *Penthestes gambelii* A. Wetmore east of Palmer
Lake, Colo. alt 7500 Length 130
4375. *Cyanocitta stelleri diademata* A. Wetmore
East of Palmer Lake Colo alt 7500 Length 305
4376. *Meropis columbiana* A. Wetmore east of
Palmer Lake, Colo alt 7500 Length 307
4377. *Sitta pygmaea* A. Wetmore east of Palmer Lake
Colo alt 7500 Length 116
4378. *Junco carolinensis* A. Wetmore east of Palmer
Lake Colo alt 7500 Length 203
4379. *Cyanocitta stelleri diademata* A. Wetmore east
of Palmer Lake Colo alt 7500 Length 280
4380. *Sitta pygmaea* A. Wetmore east of Palmer
Lake Colo alt 7500 Length 100
4381. *Helminthophila virginiae* A. Wetmore east of
Palmer Lake Colo alt 7500 Length 117
4382. *Sitta pygmaea* A. Wetmore east of Palmer
Lake Colo alt 7500 Length 100
4383. *Sitta pygmaea* A. Wetmore east of Palmer Lake
Colo alt 7500 Length 105

This morning the fog had lifted and hung on the tops of the mountains partially obscuring some of them but a drizzling rain was falling and continued with only slight intervals all day. We were able now to get our first view of the country and found that Palmer Lake was bordered on the west by high mountain. It is right at the crest of the divide with the land sloping in both directions. The lake itself is perhaps thirty rods long by fifteen wide. It is a natural lake but seemed rather uninteresting to me.

After breakfast we struck off east of town through a country broken into flat-topped hills with exposed faces of sandstone capped by conglomerate and with the valleys filled with growths of scrub oak and on the slopes extensive growths of pine. Everything was wet and in five minutes I was soaked from my waist down.

Along the railroad track in town numbers of Pine Siskins were feeding on the sunflower seeds but none were seen away from here. Also noted one Arkansas Goldfinch but did not take it.

The first bird taken was a Rock Wren shot in a pile of ties along the railroad track. It was in fine plumage. A number were heard singing and calling in the rocky

hills but no more shots offered.
Near one hill a Sharp-shinned
Hawk flew over my head and I
dropped him but could not find
him in the brush. Another was seen
at a greater distance.

Marsh Hawks were migrating
all day long flying low down
to the Southeast, sometimes singly
and sometimes two or three
together. One flew up from the
ground with something in his
talons and I shot, forcing him
to drop it but could not find
it. Several other large hawks
presumably Swainsons were seen.

On one hill were a couple
of Lewis Woodpeckers flying back
and forth calling. Later I saw
one sitting quietly on a stub
~~calling~~ and shot it. It was a
young bird. Two more were seen
there but disappeared while I
was working around to get a
shot at them.

A bird was seen flycatching
from a stub and I thought at
first that it was a Solitaire but
found it to be an Olive-sided
Flycatcher on picking it up, a
fine specimen.

In the wet oak brush were a
number of Mountain Towhees and I
took several all in rather poor
plumage. One immature bird was
peculiar in having a black patch on
the breast.

Several Green tailed Towhees were seen also and one taken.

A large flock of Arctic Bluebirds were seen at a distance but I got no shots at them.

The Long crested Jay was very common. Most of them kept among the pines but a few were found in the oaks where they were presumably after acorns. Of two taken today one was in fine plumage while the other was very ragged. They were wary & hard to approach.

In one patch of oak brush I heard a familiar mew and shot a Catbird. This seems rather high for them to me.

Also heard the loud car-r-r of the Clark's Crows. There were a number of the big fellows but they were too wary to allow a close approach and flew off over the hill. I followed them and lost them but later discovered one perched in a pine within easy gunshot and secured it.

The jays and Nutcrackers were making a great fuss over a Western Horned Owl and I had some hopes of securing him but finally he flew over a hill and disappeared with a flock of screaming jays in pursuit.

I heard the familiar querulous notes of the Pinon Jay and four flew for a distance and lit in a tree. I was about to follow them when

I saw another in a tree and took it. At the sound of the shot about twenty-five rose, circled in a close flock and went across a valley and we did not see them again though we heard their notes several times.

Three Audubon Warblers were taken, all that were seen. They were hunting through the tops of the pines and were in immature plumage.

Shot one Robin on the wing but could not find it and saw a number of others.

One or two Mourning Doves were seen.

Got into a flock of Chipping Sparrows in the pines and took several, all immature. Among the others were two Western Field Sparrows. These are the first I have seen and I think constitute a state record. They were sitting quietly in the pines with the others.

On our slope we got into a mixed flock of small birds migrating rapidly to the south-east. My attention was attracted to them by the notes of the Chickadees which appeared to form the nucleus of the flock and both species of *Parus* were taken.

The most common bird of the bunch was the Virginia Warbler. They were very active and hunted rapidly along

through the scrub oaks usually near the ground. My attention was usually called to them by their sharp call-note.

There were quite a number of Plumbeous Vireos among them also. And they were ~~quieter~~ in their action. Occasionally one gave a few notes of song. One taken ~~as the~~ Cassin's Vireo though it is catalogued as the Plumbeous. It was shot near the ground in some oak brush.

There were a few Pinyon Nuthatches in the bunch though this bird is not very common here. Also several Rocky Mountain Nuthatches.

The birds worked rapidly through the bushes and I followed them as fast as I could but finally lost them.

We left Palmer Lake for Denver at 3:15 P.M. still raining. Just outside of town saw a Meadowlark on a fence post. Robins & Mourning Doves were common along the way and various small birds that I could not be identified with certainty.

Sept 7, 1909.

4384. *Hydrochelidon nigra swainsonensis*.

A. Wetmore. Barr, Colo., Upper Barr Lake length 235.

4385. *Hydrochelidon nigra swainsonensis*.

A. Wetmore, Upper Barr Lake, Barr, Colo L. 228.

4386. *Micropalama himantopus*. A. Wetmore

Upper Barr Lake, Barr, Colo length 220

4387. *Micropalama himantopus* A. Wetmore

Upper Barr Lake, Barr, Colo length 220

4388. *Micropalama humiantopus*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 220.
 4389. *Steganopus tricolor*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 192.
 4390. *Steganopus tricolor*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 220.
 4391. *Steganopus tricolor*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 205.
 4392. *Steganopus tricolor*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 205.
 4393. *Steganopus tricolor*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 206.
 4394. *Pisobia minutilla*. A. Wetmore. Upper Barr Lake, Barr, Colo. Length 140.

This morning went out to Barr, at ten o'clock on the Burlington with Mr. Hensy. The three days storm showed signs of breaking just before noon the clouds had retreated to the mountains and the sun was out.

There were rank growths of weeds everywhere and the water had gone down in the lakes until they were separated by a dike instead of being in the body as before.

I found a half dozen yellow Warblers in one bunch of weeds and shot two. They were probably birds that had nested in the grove here.

Shore birds were abundant as the muddy flats offered fine feeding grounds for them. The Lesser Yellowlegs were the most abundant and were found everywhere singly and in flocks. Their notes were not quite the same as

they are in the east. A few Greater Yellowlegs were also seen but they were not as common.

Mixed in were numerous still Sandpipers, the first I had ever seen alive. Their small bodies + long legs made them noticeable even in flight. They fed as the others did but were nearly always found standing in the water.

Two Western Solitary Sandpipers were taken. Their notes and actions were similar to those of the eastern birds. A few more were seen but they were not common.

The least Sandpiper was also very common usually flying in close compact flocks calling harshly as they flew.

A few Baird Sandpipers were also seen.

The Wilson Phalarope in fall plumage were common and I heard their hawking notes often. The birds themselves were feeding with the other shore-birds. I took four at a single spot.

All these water birds were very fat and hard to handle.

There were numbers of Black Terns feeding gracefully over the water most of them in immature plumage. Several times I saw an insect pass one and saw the bird wheel and catch it. Sometimes they were seen sitting on

bite of floating drift wood or darting
 down with hovering wings to pick
 something from the water. The lake was
 in autumn with the white of winter
 just showing about the head. Sometimes
 as many as fifty were in sight at
 once.

There were a good many ducks
 on the lakes and they were in
 sight on the water or in the air most
 of the time. I detected Red-head, Pintail
 Cinnamon Teal and Mallard.

On the upper lake was a flock
 of nearly one hundred Coots.
 Great Blue Herons were common
 and long lines of them were
 continually stringing off across
 the lake.

September 8, Wednesday.

4395. *Xanthocephalus xanthocephalus*. A. Wetmore.
 Upper Barr Lake, Barr, Colo Length 246.
 4396. *Micropalama himantopus*. A. Wetmore.
 Upper Barr Lake, Barr, Colo Length 205.
 4397. *Icterus flavipes*. A. Wetmore. Upper
 Barr Lake Barr, Colo Length 264.
 4398. *Icterus flavipes*. A. Wetmore Upper Barr
 Lake Barr, Colo Length
 4399. *Icterus melanocercus*. A. Wetmore Upper
 Barr Lake, Barr, Colo Length 335.
 4400. *Pisobia minutilla*. A. Wetmore Upper
 Barr Lake, Barr Colo Length 137.
 4401. *Pisobia minutilla*. A. Wetmore Upper
 Barr Lake, Barr, Colo Length 134.
 4402. *Pisobia minutilla*. A. Wetmore. Upper
 Barr Lake Barr, Colo Length 136.
 4403. *Pisobia minutilla*. A. Wetmore Upper
 Barr Lake, Barr, Colo Length 138.

4404. *Pisobia minutilla*. A. Wetmore Upper Barr
Lake, Barr, Colo. Length 135
4405. *Passer domesticus*. A. Wetmore Clubhouse
Barr, Colo. Length 131
4406. *Passer domesticus*. A. Wetmore Clubhouse
Barr, Colo. Length 147
4407. *Passer domesticus*. A. Wetmore Clubhouse
Barr, Colo. Length 155
4408. *Wilsonia pusilla pileolata*. A. Wetmore.
Upper Barr Lake, Barr, Colo. Length 115
4409. *Wilsonia pusilla pileolata*. A. Wetmore
Upper Barr Lake, Barr, Colo. Length 108
4410. *Wilsonia pusilla pileolata*. A. Wetmore
Upper Barr Lake, Barr, Colo. Length 113.

This morning it was clear and
sunny.

Shore birds were not as common
as yesterday as heavy shooting had
driven them out. Song-sparrows

There were a few *Contopus* present
however which had not been seen
before and two were taken.

Also saw one or two Spotted
Sandpipers and a Western Sandpiper
was shot.

Greater Yellowlegs today were
however fairly abundant.

Found a number of Clay-colored
Sparrows in the willows and took several. They were shy and hard
to approach. All were in fine plumage.

The Pileolated Warblers were in, in
considerable numbers also and
I took a number in the willows. They
kept so well hidden that it was only by
considerable watching that I got them.
They had a single harsh call note.

Also shot the Connecticut Warbler.
In the evening I saw a single
Nighthawk.

During this day I counted
five thunder storms around me.
At one time while the spaces between
were in the sun. One passed over me
and I got thoroughly drenched though
it only rained there for four minutes.

Sept 9. Thursday.

4411. *Spizella pallida*. A. Wetmore Upper Barr
Lake, Barr, Colo. Length 129.

4412. *Spizella socialis arizonae*. A. Wetmore
Upper Barr Lake, Barr, Colo. L. 130.

4413. *Passerculus sandwichensis alaudinus*. A. Wetmore
Upper Barr Lake, Barr, Colo. L. 130.

4414. *Wilsonia pusilla pileolata*. A. Wetmore
Upper Barr Lake, Barr, Colo. L. 115.

This morning most of the
time was devoted to the small
birds. Shore birds were still scarce.
Several more Clay-colored Sparrows
were taken and a considerable
flock of Western Chipping Sparrows
encountered.

Pileolated Warblers were common
in the woods and willows and eight
were taken also several Macgillivray's
Warblers and two Western Warbling
Vireos.

Found three Western Savanna
Sparrows and shot an adult female
Bobolink from a weed. The latter is
very unusual here. It flew out of
some willows with its characteristic
note and lit on some willows.

Sept. 12, Sunday.

4415. *Seiophorus platycercus*. R. B. Rockwell, 1240
Dorning, Denver, Colo.

This morning Rockwell shot a hummer in his
back yard and gave it to me. Also saw one at
my room.

Sept. 19, Sunday.

4416. *Dendragapus obscurus* A. Wetmore. Sookout
Mountain, Golden Colo alt 7500 ft. Length 445

4417. *Cyanocitta stelleri diademata*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7500 ft. Length 312

4418. *Cyanocitta stelleri diademata*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7500 ft. Length 304

4419. *Planesticus migratorius propinquus* A. Wetmore.
Chimney Gulch, Golden Colo alt 7000 ft. Length 240

4420. *Planesticus migratorius propinquus*. A. Wetmore.
Chimney Gulch, Golden Colo alt 7000 ft. Length 245

4421. *Planesticus migratorius propinquus*. A. Wetmore.
Chimney Gulch, Golden Colo alt 7000 ft. Length 250

4422. *Planesticus migratorius propinquus*. A. Wetmore.
Sookout Mountain, Golden Colo alt 7750 ft. Length 250

4423. *Planesticus migratorius propinquus*. A. Wetmore.
Sookout Mountain, Golden Colo alt 7750 ft. Length 263.

4424. *Oreospiza chlorura*. A. Wetmore. West of Sookout
Mountain, Golden Colo alt 7500 ft. Length 183.

4425. *Zonotrichia leucophrys leucophrys* A. Wetmore.
Chimney Gulch, Golden Colo alt 6000 ft. Length 175

4426. *Sialia currucoides* A. Wetmore. Sookout Mountain,
Golden Colo alt 7750 ft. Length 170.

4427. *Lanius serra*. A. Wetmore. Sookout Mountain,
Golden Colo alt 7500 ft. Length 190

4428. *Junco caniceps*. A. Wetmore. Sookout Mountain,
alt 7750 ft. Golden Colo. Length 158.

4429. *Sitta carolinensis nelsoni*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7750 ft. Length 135.

4430. *Sitta carolinensis nelsoni*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7750 ft. Length 135

4431. *Sitta carolinensis nelsoni* G. Wetmore. Sooty
Mountain Golden Colo alt 7750 Length 145.
4432. *Regulus calendula* G. Wetmore. Sooty Mountain
Golden Colo alt 7750 Length 102.
4433. *Ammodramus celata* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 118.
4434. *Astragalinus psaltria psaltria* G. Wetmore. Chimney
Gulch, Golden, Colo alt 6000 ft. Length 111.
4435. *Astragalinus psaltria psaltria* G. Wetmore. Chimney
Gulch, Golden, Colo alt 6000 ft Length 110.
4436. *Astragalinus psaltria psaltria* G. Wetmore. Chimney
Gulch, Golden, Colo alt. 6000 ft Length 110.
4437. *Spizella passerina arizonae* G. Wetmore. Chimney
Gulch, Golden Colo alt 6000 ft Length 135.
4437. *Spizella passerina arizonae* G. Wetmore. Chimney
Gulch, Golden, Colo alt 6000 ft Length 140.
4438. *Spizella passerina arizonae* G. Wetmore. Sooty
Mountain Golden. Colo alt 7750 Length 132.
4439. *Spizella passerina arizonae* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 135.
4440. *Spizella passerina arizonae* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 136.
4441. *Spizella passerina arizonae* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 135.
4442. *Penthestes gambeli gambeli* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 132.
4443. *Penthestes gambeli gambeli* G. Wetmore. Sooty
Mountain, Golden, Colo alt 7750 Length 135.
4444. *Certhia familiaris montana* G. Wetmore. Sooty
Mountain, Golden Colo alt 7750 Length 135.
4445. *Sitta pygmaea pygmaea* G. Wetmore. Sooty
Mountain, Golden, Colo alt 7750 Length 105.
4446. *Sitta pygmaea pygmaea* G. Wetmore. Sooty
Mountain, Golden, Colo alt 7750 Length 105.

This morning Rockwell and I went
to Golden and climbed Chimney Gulch.

It was clear and nice and for a wonder stayed that way all day. Along Clear Creek I noticed where frost had blackened the leaves on the cottonwoods in small local areas and some of the quaking asp and the leaves of various shrubs were turning. Choke cherries were dead ripe.

The only butterflies seen were Pieris and a small common yellow one whose name at the moment I cannot recall. Grasshoppers were the most abundant insects.

We ran into one colony of Rock squirrels and I shot one. They appeared to be feeding on the pits of the choke cherries. Chipmunks (*Eutamias*) were not much in evidence. Saw one Wild cat and a Coyote towards dusk. Have never seen *Callospermophilus* up there.

Small birds were abundant all along Clear Creek and there were a number in Charming Gulch. I found one small flock of half a dozen Arkansas Goldfinches at noon just and took three. They were feeding in the gulch and perched on telephone wires and bushes.

One flew over us when we were at 7000 ft. This shows migrational activity as before they have only been noted in Golden and usually along Clear Creek.

Took an adult female White crowned Sparrow. It was shy and

I followed it for some distance finally shooting it on the wing. All the others I have taken have been *Z. l. gambeli*.

At 7000 feet we ran into a flock of young Robins scattered through the bushes on the mountain sides. When flushed they usually lit in the pines taking care to keep well concealed and seeming rather shy. They were probably from the last broods of the season as the three taken were very ragged and were molting into the adult plumage. Near the top of Sookout Mountain we ran into a larger flock containing perhaps a hundred individuals scattered among the pines. All these were in fine plumage. They fed on the ground a good deal and were rather shy so that care had to be used in approaching them. The only note given was *tsup*.

On the side of Sookout was a considerable flock of Song crested Jays scattered among the pines. I shot one and it began to scream and the others became much excited. I shot two more before they were alarmed. Frequently these birds fly across from one slope to another.

Several Sharp-shinned Hawks were seen along Char Creek and in the gulch as we started a flock of Chipping Sparrows a Sharpshin

dashed into them but failed to kill. He sat on the ground within ten feet of Rockwell and in sight of him for a minute. When he flew I shot but he dodged and I missed. A half minute or so later he came back and I killed him apparently dead but we could not find him.

Chipping Sparrows were abundant from Golden to the top of Chimney Gulch. All taken were immature birds just molting from the streaked into the winter plumage. A month ago all the birds seen here were adults.

We observed several Nighthawks sailing over Sooty Mountain too high for a shot.

Also heard Pinon Jays but could not find them.

Near the reservoir I shot a Say's Phoebe along a wire fence. This is the first time that we have seen this bird on top.

Bluebirds were not very common today. Three or four were seen in one bunch and I shot one of these and later one or two small flocks in the air.

We ran across several straggling flocks of Pygmy Nuthatches and they were as noisy and busy as ever. I shot several and they are in fine plumage. The feathers on the scapulars appear to be worn as though by the rough bark of the pines.

Took three Rocky Mountain Nuthatches one in exceptionally fine plumage.

Heard one *Dryobates v. montana* and ~~saw one~~ but did not get near it.

Red-shafted Flickers were fairly common.

In one clump of pines and quaking aspens I shot a Gray-headed Junco. Several others were seen.

In this same clump I heard the familiar note of a Creeper and an instant later one dropped onto a tree only a few feet away and began to work up in the usual fashion.

Also took one Ruby-crowned Kinglet here and a Lutescent Warbler. Saw one or two other small warblers.

Took four Mountain Chickadees in fine plumage but made up two for exchange.

Found a small Owl pellet on the ground under some pines.

Saw vesper sparrow and Meadowlark on top. One of the latter seemed loth to leave a certain locality though it hardly seems possible that there was a nest at this late date. More probably a hawk somewhere near and the bird did not want to fly far.

Saw a few Crossed-bills *Chlorura* and a few Mountain Towhees.

In an open field flushed seven Quail grouse one after another and shot one. The others lit in trees and one clucked and cackled. When they went out they kept under cover offering no shot. One flew a short distance then set his wings and sailed high up.

across a valley into a pine. The
one shot had eaten Kimmick berries
and was apparently a male though
it was badly shot that the sex
could not be told with certainty. I
brought that skin home inside my
shirt in case of possible game wardens.

September 26, Sunday,

4447. *Cyanocitta stelleri diademata*. A. Wetmore. Sooty Mountain Golden Colo alt. 7750 Length 290
4448. *Planesticus migratorius propinquus*. A. Wetmore. Sooty Mountain Golden Colo alt. 7750 Length 250
4449. *Sturnella neglecta*. A. Wetmore. West of Golden Colo alt. 5800, Length 227.
4450. *Lophyrus picus thyroideus*. A. Wetmore. Sooty Mountain Golden Colo alt. 7500 Length 212.
4451. *Pipilo maculatus montanus*. A. Wetmore. Sooty Mountain, Golden Colo alt. 7500 Length 198.
4452. *Zonotrichia leucophrys leucophrys*. A. Wetmore. Sooty Mountain, Golden Colo alt. 7500 Length 157.
4453. *Zonotrichia leucophrys leucophrys*. A. Wetmore. Sooty Mountain, Golden Colo alt. 7500 Length 154.
4454. *Junco caniceps*. A. Wetmore. Sooty Mountain Golden Colo alt. 7500 Length 155.
4455. *Sitta carolinensis nelsoni*. A. Wetmore. Sooty Mountain, Golden Colo alt. 7600 Length 138.
4456. *Melospiza lincolni*. A. Wetmore. Sooty Mountain Golden Colo alt. 7500 Length 133.
4457. *Melospiza lincolni*. A. Wetmore. Sooty Mountain Golden Colo alt. 7500 Length 140.
4458. *Spizella passerina arizonae*. A. Wetmore. Sooty Mountain Golden Colo alt. 7500 Length 138.
4459. *Spizella passerina arizonae*. A. Wetmore. Sooty Mountain, Golden Colo alt. 7500 Length 130.
4460. *Spizella passerina arizonae*. A. Wetmore. Chimney Gulch, Golden Colo alt. 6000 Length 135.

4461. *Spizella passerina arizonae*. G. Wetmore. Sootout Mountain, Golden, Colo. Alt. 7500 ft. Length 135.
4462. *Spizella passerina arizonae*. G. Wetmore. Sootout Mountain, Golden, Colo. Alt. 7500 ft. Length 142.
4463. *Spizella passerina arizonae*. G. Wetmore. Chimney Gulch, Golden, Colo. alt 6000 ft. Length 143.
4464. *Spizella passerina arizonae*. G. Wetmore. Sootout Mountain, Golden, Colo. Alt. 7500 ft. Length 134.
4465. *Upornis tolmiei*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 137.
4466. *Penthestes atricapillus septentrionalis*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 140.
4467. *Penthestes atricapillus septentrionalis*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 130.
4468. *Penthestes gambeli gambeli*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 131.
4469. *Penthestes gambeli gambeli*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 132.
4470. *Penthestes gambeli gambeli*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 130.
4471. *Regulus calendula calendula*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 104.
4472. *Regulus calendula calendula*. G. Wetmore. Sootout Mountain, Golden, Colo. alt 7500 Length 98.

This morning Brown Rockwell and I went to Golden on the seven thirty car. It was warm and clear all day with not much breeze and migration seemed to be rather retarded by these circumstances. A few butterflies, Monarch, Pieris were seen and a genus resembling the argynnis. Grasshoppers were the most noticeable insects. Saw a number of rock squirrels near the mouth of Chimney Gulch but got no shots. They were feeding on choke-cherry pits.

Ammodramus neglecta

At the mouth of the gulch a Meadowlark ~~was~~ flew up and I dropped it. One or two others were seen even on the top of Lookout mountain but they were not common.

The most abundant bird was the Western Chipping Sparrow. I found these in scattering flocks all over the mountain and as usual found ragged streaked immature individuals near the bottom of the gulch just molting, and specimens in full fall plumage near the top of the mountain. We ate dinner in a large mountain meadow, at a walled in spring, a reminder of the ranch house which had once stood here but of which only the stone foundation remained. And here in an outfield was a considerable flock of these sparrows. I stumbled onto them while after a Towhee and they flew into the pines across the draws and I followed them securing several. Others kept dropping into the box-elders and bushes that stood here at intervals all during our stop. They were rather wary and I found it difficult to get into good snare range.

At the top of Lookout I saw a bird fly into some pines and following it found it to be a Williamson's Gopherbird. I shot but missed. And another came flying in and I secured it. It was in full plumage.

Saw one White-throated Swifts
turn but it was coursing rather
high up.

Saw Western Red-tails several
times and one was perched in a
dead tree at Bluffs.

Also noted Sharp-shinned Hawks.
In the quaking aspens several
times I noted a few *Regulus calendula*
and secured two, one an adult
male. They are so small that it
is very hard to follow them.

Shot one of the best marked
Song-tailed Chickadees in some quaking
aspens that I ever taken. It was
large and very clearly marked. Another
was with it but was in very poor plumage.
A few Grey-headed Juncos were
about.

The quaking aspens were ~~about~~
fine today. As they were beginning to
turn well.

A single Pinon Jay flew over
our heads giving his querulous notes.
We hear them occasionally up here but
this is the first one that I can remember
seeing.

Oct. 3, Sunday.

4473. *Bubo virginianus pallasiensis*. Q. Wetmore.
North Table Mountain, Golden, Colo. Length 520.

4474. *Pica pica hudsonia*. Q. Wetmore. Clear Creek
near Elanor, Golden, Colo. Length 460.

4475. *Falco sparverius sparverius*. Q. Wetmore. Clear
Creek near Bluffs, Golden, Colo. Length 276.

4476. *Planesticus nigratorius propinquus*. Q. Wetmore,
Clear Creek near Rockdale, Golden, Colo. Length 246.

4477. *Planesticus migratorius propinquus*. A. Wetmore. Clear Creek near Rockdale, Golden, Colo. Length 252.
4478. *Dryobates villosus montana*. A. Wetmore. Clear Creek near Bluffs, Golden, Colo. Length 231.
4479. *Piranga ludoviciana*. A. Wetmore. Clear Creek near Bluffs, Golden, Colo. Length 175.
4480. *Piranga ludoviciana*. A. Wetmore. Clear Creek near Bluffs, Golden, Colo. Length 177.
4481. *Pipilo maculatus montanus*. A. Wetmore. North Table Mountain, Golden, Colo. Length 204.
4482. *Pipilo maculatus montanus*. A. Wetmore. North Table Mountain, Golden, Colo. Length 210.
4483. *Oreospiza chlorura*. A. Wetmore. North Table Mountain, Golden, Colo. Length 182.
4484. *Zonotrichia leucophrys leucophrys*. A. Wetmore. North Table Mountain, Golden, Colo. Length 160.
4485. *Poocetes gramineus confinis*. A. Wetmore. North Table Mountain, Golden, Colo. Length 160.
4486. *Junco caniceps*. A. Wetmore. North Table Mountain, Golden, Colo. Length 150.
4487. *Junco mearnsi*. A. Wetmore. North Table Mountain, Golden, Colo. Length 152.
4488. *Salpinctes obsoletus obsoletus*. A. Wetmore. North Table Mountain, Golden, Colo. Length 150.
4489. *Salpinctes obsoletus obsoletus*. A. Wetmore. North Table Mountain, Golden, Colo. Length 149.
4490. *Salpinctes obsoletus obsoletus*. A. Wetmore. North Table Mountain, Golden, Colo. Length 152.
4491. *Spizella passerina arizonae*. A. Wetmore. North Table Mountain, Golden, Colo. Length 133.
4492. *Spizella passerina arizonae*. A. Wetmore. North Table Mountain, Golden, Colo. Length 140.
4493. *Spizella passerina arizonae*. A. Wetmore. North Table Mountain, Golden, Colo. Length 132.
4494. *Spizella passerina arizonae*. A. Wetmore. North Table Mountain, Golden, Colo. Length 133.

4495. *Spizella passerina arizonae*. A. Wetmore. North
Sable Mountain, Golden, Colo. Length 135.

4496. *Spizella passerina arizonae*. A. Wetmore. North
Sable Mountain, Golden, Colo. Length 135.

4497. *Spizella passerina arizonae*. A. Wetmore. North
Sable Mountain, Golden, Colo. Length 140.

4498. *Regulus calendula calendula*. A. Wetmore. North Sable
Mountain, Golden, Colo. Length 104.

This morning Rockwell Brown & I
went to Rockdale & the branchway just
east of Golden and from there climbed
Chimney Gulch North Sable Mountain.

At first we followed along a dry wash
grown up with Cottonwoods and here

birds were very numerous. Saw a
number of Ruby-crowned Kinglets. Robins
were very thick about a vineyard.

Western Chipping Sparrows were
numerous all day. We found them
in straggling flocks wherever we went.
Some were in streaked plumage and
some in fall dress indicating two
broods. Truly these birds must breed
in great numbers in some localities.
They were silent as usual except
for a single chirp. They were also rather
wild as usual and hard to approach.

We followed a draw right
up the side of the mountain and
found it very rough and rocky with
occasional pools of water. Shot one
Ruby-crowned Kinglet from a pine

Mountain Towhee and White
crowned Sparrows were common
along here and I saw one House
Wren.

A Western Gnatcatcher flew up from among some rocks about twenty-five rods away and flew around a point. I climbed over the hill to get above him. When I came in sight a bunch of Magpies around a box tree showed where it was and as soon as I appeared they flew. I watched a minute and then tossed a stone into the tree. Still nothing doing so I went a little lower down and the owl flew out. A load of sixes dropped him with a broken wing and I ran down after him. He or rather she tried to kick in some rocks and did not show much fight but wanted rather to get away. We fooled around with it awhile getting some pictures and noticed a strong odor of skunk. When traced down it came from the Owl. And sure enough when I skinned it the stomach was filled with skunk hair & bones. It was noticeable all day long and quite so on the car that night.

The top of this table Mountain was barren & rather rolling with only a few bushes. I found a few Western Tanager Sparrows in one draw but it was hard to approach them. They always flew before I got within any range. Lighting on rocks or the ground in the shelter of some bushes but finally I got one.

In another draw along a trickle

of water I shot two juncos, *camiceps*
+ *meunsi* from a cottonwood.

From here we descended the
mountain again to Clear Creek. Shot
three Rock Wrens on the hill in one
place and saw several more. They
were unusually silent.

In Clear Creek bottoms I found
scattered Robins along in the cottonwoods
and took several. Not a number of
Mountain birches growing down here
evidently brought down by the current
of the Creek.

I shot one bird from the top of
a tree and found it to be a
Male Spindling Junco. Later I
took a female + saw half a dozen
more. They were both excessively
fat. They fed through the cottonwoods
and were hard to locate. The
note given was *pre*.

Also took a Sparrowhawk in fine
plumage and saw another.

Shot Magpie + Rocky Mountain
Hairy Woodpecker, a fine specimen.

Oct 6, Wednesday.

4499. *Macrorhamphus griseus*. S. S. Eaton. August
7, 1909. ♂. Seabrook, N.H.

4500. *Toxostoma rufum*. F. S. Hensy. Taunton Mass
May 3, 1909. ♂. original number 1961.

4501. *Passerella iliaca iliaca*. F. S. Hensy. Cambridge Mass
April 5, 1909. ♂. original number 1941.

4502. *Passerculus sandwichensis savanna*. Symm
Marshes, River Mass. F. S. Hensy June 28, 1909. ♂. orig. no 2018.

4503. *Passerculus sandwichensis savanna*. Willington
Marshes. Medford, Mass., F. S. Hensy July 9, 1909. ♀
orig. no. 2024.

4504. *Dendroica vigorsii vigorsii*. F. S. Hensley
 Taunton Mass. April 19, 1909. Orig. no. 1957
 4505. *Dendroica palmarum hypochrysa*. F. S. Hensley
 Cambridge Mass. April 26, 1909. Orig. no. 1957.
 4506. *Gothlypis trichas brachydactyla*. F. S. Hensley.
 Fresh Pond Marshes, Cambridge, Mass. May 7, 1909.
 orig. no. 1968.

These specimens received in exchange
 from F. S. Hensley.

October 10, Sunday.

4507. *Cyanocitta stelleri diademata*. A. Wetmore
 Sookout Mountain. Golden Colo alt 7000. Length 280
 4508. *Planesticus migratorius propinquus*. A. Wetmore
 Mountain Vernon Gulch, Golden Colo alt 6200 Length 253
 4509. *Sturnella neglecta*. A. Wetmore. South of Golden
 Colo. alt 5600 Length 234
 4510. *Sturnella neglecta*. A. Wetmore. South of
 Golden Colo. alt. 5600 Length 235.
 4511. *Dryobates villosus montanus*. A. Wetmore.
 Sookout Mountain Golden Colo alt 7500 Length 221
 4512. *Myadestes townsendi*. A. Wetmore Chimney
 Gulch, Golden Colo. alt 6300 Length 210
 4513. *Pipilo maculatus montanus*. A. Wetmore. Dead
 Man's Gulch, Golden Colo alt 7400 Length 198.
 4514. *Zonotrichia leucophrys gambeli*. A. Wetmore.
 Dead Man's Gulch, Golden Colo alt 7400 Length 161
 4515. *Zonotrichia leucophrys gambeli*. A. Wetmore
 Chimney Gulch, Golden Colo alt 6000 Length 167
 4516. *Zonotrichia leucophrys gambeli*. A. Wetmore. Dead
 Man's Gulch, Golden Colo alt. 7400 Length 158
 4517. *Zonotrichia leucophrys gambeli*. A. Wetmore-Chimney
 Gulch, Golden Colo alt. 6000. Length 163.
 4518. *Zonotrichia leucophrys gambeli*. A. Wetmore.
 Mount Vernon Gulch, Golden Colo alt. 7500 Length 163.
 4519. *Zonotrichia leucophrys gambeli*. A. Wetmore. South
 of Golden Colo. alt 5600 Length 162.

4520. *Zonotrichia leucophrys gambeli* A. Wetmore. South of Golden Colo alt 5600 Length 162.
4521. *Zonotrichia leucophrys gambeli* A. Wetmore. South of Golden Colo alt 5600 Length 165.
4522. *Junco caniceps* A. Wetmore. Chimney Gulch Golden Colo alt 6000, Length 155.
4523. *Junco* A. Wetmore. Mt Vernon Gulch Golden Colo alt 7000. Length 163.
4524. *Junco meurnsi*. A. Wetmore Mt Vernon Gulch Golden Colo alt 6200 Length 166.
4525. *Junco meurnsi*. A. Wetmore Mt Vernon Gulch Golden Colo alt 7000 Length 152.
4526. *Junco montanus* A. Wetmore. Mt. Vernon Gulch Golden Colo alt. 6200 Length 152.
4527. *Junco montanus* A. Wetmore. Mt. Vernon Gulch Golden Colo alt 6200 Length 142.
4528. *Melospiza lincolni* A. Wetmore. ~~Sooty~~ Sooty Mountain, Golden Colo alt 7500 Length 145.
4529. *Melospiza lincolni* A. Wetmore. South of Golden Colo alt 5600 Length 137.
4530. *Sitta carolinensis nelsoni* A. Wetmore. Sooty Mountain Golden Colo alt 7500 Length 143.
4531. *Sitta carolinensis nelsoni* A. Wetmore Sooty Mountain Golden Colo alt. 7500 Length 143.
4532. *Spizella passerina arizonae* A. Wetmore. Chimney Gulch, Golden Colo alt. 7500 Length 132.
4532. *Spizella passerina arizonae* A. Wetmore Chimney Gulch Golden Colo alt 6200 Length 132.
4533. *Spizella passerina arizonae* A. Wetmore Dead Man's Gulch, Golden Colo alt. 7500 Length 133.
4534. *Spizella passerina arizonae* A. Wetmore. Sooty Mountain, Golden Colo alt 7500 Length 139.
4535. *Spizella passerina arizonae* A. Wetmore. South of Golden Colo alt. 5600 Length 130.
4536. *Spizella passerina arizonae* A. Wetmore. South of Golden Colo alt 5600 Length 131.

4537. *Penthestes gambeli gambeli*. A. Wetmore. Chimney Gulch, Golden Colo alt 7500 Length 128.
4538. *Penthestes gambeli gambeli*. A. Wetmore. Chimney Gulch, Golden Colo alt 7500 Length 131.
4539. *Penthestes gambeli gambeli*. A. Wetmore. Chimney Gulch, Golden, Colo alt. 7500 Length 126.
4540. *Penthestes gambeli gambeli*. A. Wetmore. Chimney Gulch, Golden Colo alt 7500 Length 128.
4541. *Penthestes gambeli gambeli*. A. Wetmore. Chimney Gulch, Golden Colo alt. 7500 Length 133.
4542. *Penthestes gambeli gambeli*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 130.
4543. *Penthestes gambeli gambeli*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 132.
4544. *Penthestes gambeli gambeli*. A. Wetmore. Sookout Mountain, Golden, Colo alt 7500 Length 132.
4545. *Penthestes atricapillus septentrionalis*. A. Wetmore. Mt. Vernon Gulch, Golden, Colo alt 7000 Length 132.
4546. *Penthestes atricapillus septentrionalis*. A. Wetmore. Mt. Vernon Gulch, Golden, Colo, alt 7000 Length 130.
4547. *Spinus pinus pinus*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 123.
4548. *Spinus pinus pinus*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 122.
4549. *Spinus pinus pinus*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 122.
4550. *Ustragalus psaltria psaltria*. A. Wetmore. South of Golden Colo alt 5600 Length 105.
4551. *Regulus calendula calendula*. A. Wetmore. Sookout Mountain, Golden Colo. alt 7500 Length 100.
4552. *Sitta pygmaea pygmaea*. A. Wetmore. Sookout Mountain, Golden Colo alt 7500 Length 103.
4553. *Sitta canadensis*. A. Wetmore. Chimney Gulch, Golden Colo alt. 7500 Length 110.

This morning it was clear but cold. Went to Golden alone and

Climbed Chimney Gulch.

Did not see many birds in the gulch itself. There was a scattering flock of intermediate sparrows here but they were very wild. The birds of this genus first taken were all leucophrys and were probably those that breeding the mountains and were driven out by the snow. Now however all those taken this day were gambeli; evidently migrants from the north. There were a few junco's here too and I took one junco gambeli.

A single solitaire was shot in the gulch where it was probably feeding on choke cherries. This is the first I have seen in some time.

Flickers were fairly common here observed the young prying about crevices in the rocks.

Did not see many birds until I got to the top of Lookout Mountain & then ran into a flock of Mountain Chickadees feeding through the pines and took five.

There was also a small flock of Pine Siskins here. They were hunting through the tips of the pine limbs and were very quick & active. I saw several others later on and got them all together & found them difficult to get.

I heard the thin note of a Red-breasted Nuthatch but watched for fifteen minutes before I caught sight of the bird and then thought it had gotten away.

I finally got a shot and thought I got the bird but it lodged and I threw a stone at it. The bird flew out then and began to scold me in thin piping tones from a nearby pine and I shot it. This is the first one seen here.

In Dead Man's Gulch just below the reservoir were Intermediate Sparrows, Mountain Towhees & Grey-headed Juncos and I took specimens of the two former.

At the spring we dined at lunch. Chickadees, Audubon's Warblers & Ruby-crowned Kinglets were numerous but I desisted from taking any as some kind friend had put up a sign here No shooting. The Kinglets were very friendly and came all around me in the small pines.

In a quaking aspen thicket I found a number of Snow Kinglets but found it difficult to get far enough away to shoot them and so only took one.

Chipping Sparrows were only found sparingly today and all the large flocks had left. I took six from the mouth of Chimney to the top of Sorbent.

I shot one Hairy Woodpecker in a growth of quaking aspens and hard others. This one I was hunting about only a few feet away when I saw it.

Also took a pair of Rocky Mountain Nuthatches here. They were male & female & were together: the only ones in the vicinity.

A pair of Song-crested Jays were in a dense clump of bushes & were ~~both~~ loth to leave. Instead of flying when I approached they hid and I could not flush them.

Crossed over and went down Mount Vernon Gulch. Shot a pair of Long-tailed Chickadees in a growth of quaking aspens. They are hardly ever found far away from this tree in the pines. I can distinguish their notes from those of gambeli easily as the latter chirps.

There were quite a number of Juncos scattered along but they are just beginning to song in. I shot one similar to those taken on Clear Creek last spring viz. Juncos but with white wing bars.

Robins were feeding along here on Red haws or. Thorn apples. They stalked in the bushes instead of trying to fly. I shot one in full plumage.

In a dry gulch along the clay pits were great numbers of intermediate sparrows. They were very wild however.

Also shot one Arkansas Goldfinch from the top of a tree & saw another.

Pygmy Nuthatches are not as thick up chimney as they were a month ago & I saw hardly any today.

It was a cold windy day with storms threatening several times & birds were hard to get.

October 17 Sunday.

4554. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora, Colo. Length 190.
4555. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 192.
4556. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 190.
4557. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 187.
4558. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora, Colo., Length 197.
4559. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 185.
4560. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 192.
4561. *Agelaius phoeniceus fortis*. A. Wetmore. Coal Creek
east of Aurora Colo. Length 186.
4562. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 185.
4563. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 195.
4564. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 230.
4565. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 225.
4566. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora, Colo. Length 210.
4567. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 226.
4568. *Agelaius phoeniceus fortis*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 222.
4569. *Pipilo maculatus montanus*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 196.
4570. *Otocoris alpestris leucolaema*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 160.
4571. *Otocoris alpestris leucolaema*. A. Wetmore. Coal
Creek east of Aurora Colo. Length 172.

4572. *Otocoris alpestris leucolaema*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 167.
 4573. *Zonotrichia leucophrys gambeli*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 160.
 4574. *Junco sneacumsi*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 155.
 4575. *Junco montanus*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 148.
 4576. *Carpodacus mexicanus frontalis*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 148.
 4577. *Carpodacus mexicanus frontalis*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 150.
 4578. *Carpodacus mexicanus frontalis*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 144.
 4579. *Spizella passerina arizonae*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 136.
 4580. *Spizella passerina arizonae*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 132.
 4581. *Spizella breweri*. A. Wetmore. Coal Creek east of Aurora, Colo. Length 128.

This morning I took the car to Aurora and from there walked on east. The country was typical plains country and was split up into small ranches. There were great numbers of Prairie dog towns all along and the animals scolded and barked at me from every side. I looked in vain for Burrowing Owl.

Great numbers of Horned Larks were moving about and I found them very restless. I shot one at a water hole. And later got two more along Coal Creek. Here they were apparently following a regular line of birds over a certain bend but most of them passed out

range. A great many were seen all over the prairie mostly in scattered flocks.

There were a few Pipits in with them but I did not get a single shot. Also a single Song Sparrow Chestnut collared (?) flying alone.

Ran into scattered flocks of House finches today and took three. I usually found them in Willows or Cottonwoods near water and many were seen flying. In the bushes they remained quiet and though I could hear their notes found them hard to locate.

Saw a few juncos in bushy localities but they were not common. Those taken I referred to Montanus and meauri.

Along Coal Creek in the cattails were large flocks of Red wings and I took fifteen probably of two flocks. They were found about noon and were roosting down in among the rushes. When flushed went out with a roar of wings and usually circled around in a close flock before going off. or perhaps lit in a tree making the branches black. They were silent except for a chuck.

A few Chipping Sparrows were seen and a single Brewster Sparrow flew up from the ground in a bushy field into a tree.

Saw one Western Red-tail.

October 19, Tuesday.

4582. *Fulica americana* W. Winstead, Barr
Colo. Length 335 taken Oct. 9, 1909.
4583. *Fulica americana* W. Winstead, Barr
Colo. Length 372 taken Oct. 9, 1909.
4584. *Ardeotis americana* Bassick, Littleton
Colo. Length 427 taken Oct. 10, 1909.

These three birds given me by
Bob Rockwell.

Mr. Husey brought in following
taken Oct. 16 on Clear Creek below Golden.
Penthestes g. gambelii; *Asyndesmus leucis*;
Dryobates p. homous.

October 24 Sunday.

4585. *Pica pica hudsonia* Q. Wetmore. Mt. Vernon
Gulch. 7000 ft. Length 505. Golden Colo.
4586. *Cyanocitta stelleri diademata* Q. Wetmore.
Sookout Mountain alt 7500 Golden Colo. 280
4587. *Cyanocitta stelleri diademata* Q. Wetmore. Sookout
Mountain Golden Colo alt 7500 Length 282
4588. *Cyanocitta stelleri diademata* Q. Wetmore. Mt.
Vernon Gulch Golden Colo alt 6000 Length 290.
4589. *Cyanocitta stelleri diademata* Q. Wetmore Mt.
Vernon Gulch, Golden Colo alt 6000 Length 284.
4590. *Dryobates villosus monticola* Q. Wetmore Sookout
Mountain Golden Colo alt 7500 Length 236
4591. *Sanus borealis* Q. Wetmore. Clay pits south of
Golden Colo. alt 5600 Length 245.
4592. *Myadestes townsendi* Q. Wetmore. Chimney Gulch
Golden Colo alt 7300 Length 206.
4593. *Zonotrichia leucophrys gambelii* Q. Wetmore
Clay Pits south Golden Colo alt 5600 Length 163.
4594. *Zonotrichia leucophrys gambelii* Q. Wetmore. Clay
pits south of Golden Colo alt 5600 Length 162.
4595. *Zonotrichia leucophrys gambelii* Q. Wetmore Clay
Pits South of Golden Colo alt 5600 Length 162.

4596. *Zonotrichia leucophrys gambelii* A. Wetmore
Chimney Gulch Golden Colo alt 6000 Length 165.
4597. *Junco aikeni* A. Wetmore. Chimney Gulch Golden
Colo alt 6000 ft Length 160.
4598. *Junco aikeni* A. Wetmore. Chimney Gulch Golden
Colo alt 6500 ft Length 172.
4599. *Junco aikeni* A. Wetmore. Chimney Gulch Golden
Colo alt 7500 ft Length 164.
4600. *Junco aikeni* A. Wetmore. Lookout Mountain,
Golden Colo alt 7750 Length 168.
4601. *Junco aikeni* A. Wetmore. Lookout Mountain
Golden Colo. alt 7750 Length 172.
4602. *Junco nearnsi* A. Wetmore. Chimney Gulch
Golden Colo alt 6000 Length 160.
4603. *Junco nearnsi* A. Wetmore. Lookout Mountain
alt 7750 Length 161. Golden Colo.
4604. *Junco nearnsi* A. Wetmore. Mt Vernon Gulch
alt 7000 Length 153. Golden Colo.
4605. *Junco ciniceps* A. Wetmore. Chimney Gulch,
Golden Colo. alt 6000 Length 151.
4606. *Junco ciniceps* A. Wetmore. Lookout Mountain
Golden Colo alt 7500 Length 156.
4607. *Junco ciniceps* A. Wetmore. Lookout Mountain
Golden Colo alt 7500 Length 153.
4608. *Junco annectans* A. Wetmore. Clay pits south
of Golden, Colo alt 5600 Length 154.
4609. *Sitta carolinensis nelsoni* A. Wetmore. Lookout
Mountain Golden Colo alt 7500 Length 145.
4610. *Sitta carolinensis nelsoni* A. Wetmore. Lookout
Mountain Golden Colo alt 7500 Length 142.
4611. *Penthestis atricapillus septentrionalis* A. Wetmore
Chimney Gulch, Golden Colo alt 7500 Length 126.
4612. *Penthestis atricapillus septentrionalis* A. Wetmore
Chimney Gulch Golden Colo alt 7500 Length 133.
4613. *Penthestis atricapillus septentrionalis* A. Wetmore
Lookout Mountain, Golden, Colo, alt 7500 Length 140.

4614. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Sookout Mountain, Golden, Colo. alt 7500 Length 146.
4615. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Sookout Mountain Golden Colo. alt 7500 Length 138.
4616. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Mt. Vernon Gulch Golden Colo alt 6500 Length 132.
4617. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Mt. Vernon Gulch Golden Colo alt 6500 Length 135.
4618. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Mt. Vernon Gulch, Golden Colo alt 6500 Length 132.
4619. *Penthestes gambeli gambeli*. A. Wetmore. Sookout
Mountain Golden Colo alt 7500 Length 131.
4620. *Penthestes gambeli gambeli*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7500 Length 132.
4621. *Penthestes gambeli gambeli*. A. Wetmore. Sookout
Mountain Golden Colo alt 7500 Length 130.
4622. *Penthestes gambeli gambeli*. A. Wetmore. Sookout
Mountain, Golden Colo alt 7500 Length 134.
4623. *Spizella monticola ochracea*. A. Wetmore. Chimney
Gulch, Golden Colo alt 6000 Length 152.
4624. *Spizella monticola ochracea*. A. Wetmore. Chimney
Gulch, Golden Colo alt 6000 Length 152.
4625. *Spizella monticola ochracea*. A. Wetmore. Sookout
Mountain, Golden Colo. alt 7500 Length 152.
4626. *Spizella monticola ochracea*. A. Wetmore. Clay pits south
of Golden Colo alt 5600 Length 152.
4627. *Spizella monticola ochracea*. A. Wetmore. Clay pits
south of Golden, Colo alt 5600 Length 148.
4628. *Spizella monticola ochracea*. A. Wetmore. Clay pits
south of Golden Colo. alt 5600 Length 143.
4629. *Spizella monticola ochracea*. A. Wetmore. Clay pits
south of Golden Colo, alt 5600 Length 150.
4630. *Spizella monticola ochracea*. A. Wetmore. Clay pits
south of Golden Colo. alt 5600 Length 153.
4631. *Sagopus leucurus* E. Carter. Breckenridge, Colo
March 16, 1876 ♀.

4632. *Squatarola squatarola*. L. J. Huray Barr, Colo.
Oct 26, 1908

4633. *Squatarola squatarola*. L. J. Huray Barr, Colo.
Oct. 24, 1908.

4634. *Columba livia domestica*. G. Wetmore. Colo Museum
City Park. Denver Colo Sept. 30, 1909. L. 361. ♂ im.

4635. *Sagopus leucurus*. E. Carter. Breckenridge, Colo.
Oct 15, 1897 young. orig. no. c 674.

4636. *Sagopus leucurus*. E. Carter. Breckenridge, Colo.
Sept. 23, 1885 ♂ orig. no. c 61.

4637. *Sagopus leucurus*. E. Carter. Breckenridge, Colo.
Sept. 12, 1893 ♂. orig. no. c 536.

4638. *Sagopus leucurus*. E. Carter. Breckenridge, Colo.
July 30, 1875. Orig. no. c 551.

4639. *Passer domesticus*. G. Wetmore 1620 Milwaukee
Denver, Colo. Length 148. Oct. 26, 1909.

4640. *Passer domesticus*. G. Wetmore 1620 Milwaukee
Denver, Colo. Length 150 Oct. 27, 1909.

This morning Rockwell & I went
to Golden & climbed Chimney Gulch. It
was clear & cool all day and in the
afternoon a strong wind sprang up.
No birds were seen until we entered the
Gulch when we found a flock of junco
seated along the bottom. Several
large ones were noted and on taking
one it was found to be *P. a. a. im.* I
could distinguish them readily by
their size. We got on other ones and
also several *mernsi*. When I began
shooting they started over the hill
and finally got away so that I could
not find them.

There were a *subintermediata* sparrow
in with these and I took one here.
Near the head of the gulch we

Got into a small flock of long tailed Chacales and I took two or three. They were feeding here in the clumps of mountain sage. These birds were fairly common today and I secured a series. They appear to avoid the pines & spruces in feeding. A number of Mountain Chacales were noted also in the pines and several taken. Since the two species were noted together.

At the head the galeh Bresolitaire was seen and a minute later another hit in the top of a pine & I shot it.

Several flocks of junco caniceps were encountered here on top of Lookout. They always show a great deal of white in the tail in flight.

Heard no song sparrows at the spring where we ate lunch but could not find it.

There was a Song-creeper here in a thick clump of bushes hunting carefully through the tops.

Heard a loud tapping noise and finally traced it to a Rocky Mountain Wren working busily at a dead tree. I took him with the axe and heard several others.

Shot two Rocky Mtn Nuthatches that were hunting together and found them as usual to be male & female.

Then we crossed into another gulch and here we encountered more juncos taking their dinner. In one or two the wing bars can hardly be detected. In actions &

feeding habits they are exactly like the others. One flock was in a clump of pines & came out one or two at a time with the wings but went so fast that I could not hit.

Western Tree Sparrows were first seen in the bottom of Chimney gulch two were taken. Two were also taken on Lookout at 7500 ft but one I shot with the wrong barrel and ruined it. Was surprised to find them this high up so early in the season.

Crossed over a hill into Mount Vernon gulch. About the first thing a magpie came flying along not seeing us and landed him in a heap.

At the mouth of the gulch ^{was} some plum brush & was a flock of Song-sparrows & Jays and I took two. This is the lowest I have seen them here though one was noted in City park in Denver the last of September.

Along the clay pits were numbers of *Ammodramus* & *Western Tree Sparrows*. I walked along the bed of a dry gulch and got ~~about~~ a number. Shot one junco that was drinking at a pool that appears to be *Ammodramus*.

A Northern Shrike lit in a box elder & I shot it. It hung up and we had quite a discussion before we got it down as to what it was.

The two English Sparrows listed here were caught on the porch at my room.

The dove was caught at the Museum.

And the others are cast-offs from the Carter Collection etc that I saved from the dump box.

Oct. 31, 1909

4641. *Bonbykilla garrulus*. L. J. Huxey, Golden Colo March 13, 1909. ♀ ad orig. no. B 07.

4642. *Bonbykilla garrulus*. L. J. Huxey, Golden Colo. March 13, 1909. ♂ ad. orig. no. 314.

4643. *Calcarinus lapponicus alascensis*. R. B. Rockwell, Orchard, Colo. March 27, 1909. ♂ ad. orig. no. 137.

4644. *Calcarinus lapponicus alascensis* ♂ ad. L. J. Huxey. Feb. 4, 1909. Barr, Colo. ♂ ad. orig. no. 135.

4645. *Astragalinus tristis pallidus* Fin. L. J. Huxey, Willard, Colol, Oct. 22, 1909.

These five birds obtained by exchange from L. J. Huxey from the Colo. Museum Collection. Am to send him.

Basolophus bicolor ♂ ♀

Red-bellied Woodpecker ♂

Cardinalis c. cardinalis ♂ ♀.

October 31, Sunday.

4646. *Otocoris alpestris leucolaema*. A. Wetmore. Calkins Lake, Semper, Colo. L. 168.

4647. *Otocoris alpestris leucolaema*. A. Wetmore. Calkins Lake, Semper Colo. L. 174.

4648. *Otocoris alpestris leucolaema*. A. Wetmore. Calkins Lake, Semper, Colo. L. 173.

4649. *Otocoris alpestris leucolaema*. A. Wetmore. Calkins Lake, Semper, Colo. L. 175.

4650. *Calidris leucophaea*. L. J. Hervey. Barr, Colo
Oct 16/1908. sex?

Last night Rockwell and I went to the Boulder Interurban to Semper and walked a mile and a quarter to the Madison Gun Club and stayed until Monday morning. Not many ducks in the evening. I shot a muskrat.

Sunday morning we were up shortly after four and in the blinds by day light. Only a few ducks flying and I never got a shot. Mostly gadwalls and teal. Mr. Matthews shot a Canvasback that came in with a Red-head. One other flock of a dozen Canvasback seen. This is very unusual in the fall here.

Hundreds of Horned Larks kept flying back and forth over the blinds and I shot at them a good deal but only got four. They were also feeding at the shore of the lake on a sand bar.

We put out a line of traps under the dike and got thirty six mice all together about twenty-five *Peromyscus* two *Zapus* and the rest house mice.

Saw one Northern Shrike here hovering over the woods but did not get a shot. Also heard Killdeer.

Monday there were great flocks of Blackbirds flying over the country.

Sunday morning it was cold and windy with a few flakes of snow flying. The club house was

A small shack but was very comfortable. We did our own cooking and fared very well. Hated to leave Monday.

Nov. 6, Saturday

4651. *Passer domesticus*. A. Wetmore 7620 Milwaukee
Denver, Colo. Length 152.

Nov. 7, Sunday

4652. *Cyanocitta stelleri nademata*. A. Wetmore. Sooty
Mountain, Golden, Colo alt 7500 Length 292

4653. *Pinicola enucleator montana*. A. Wetmore. Sooty
Mountain, Golden Colo alt 7500 Length 212

4654. *Myadestes townsendi*. A. Wetmore. Mountain
Vernon Gulch, Golden Colo alt 6000 Length 197.

4655. *Zonotrichia leucophrys gambeli*. A. Wetmore
Clay pits south of Golden Colo alt 5600 Length 161

4656. *Junco montanus*. A. Wetmore. Sooty
Mountain, Golden Colo alt 7500 Length 158

4657. *Junco montanus*. A. Wetmore. Sooty
Mountain Golden Colo alt 7500 Length 154

4658. *Junco mearnsi*. A. Wetmore. Mt. Vernon Gulch
Golden, Colo alt 7200 Length 159.

4659. *Junco mearnsi*. A. Wetmore. Sooty Mountain
Golden Colo alt 7500 Length 164

4660. *Junco mearnsi*. A. Wetmore. Sooty
Mountain Golden Colo alt 7500 Length 157.

4661. *Junco mearnsi*. A. Wetmore. Chimney
Gulch Golden Colo alt 6500 Length 160.

4662. *Junco aiken*. A. Wetmore. Chimney Gulch,
Golden Colo alt 6500 Length 170

4663. *Junco aiken*. A. Wetmore. Chimney Gulch,
Golden, Colo. alt 6500 Length 165

4664. *Junco aiken*. A. Wetmore. Sooty Mountain
Golden Colo alt 7500 Length 167.

4665. *Junco aiken*. A. Wetmore. Sooty Mountain
Golden Colo alt 7500 Length 161

4666. *Junco aiken*. A. Wetmore. Sooty Mountain
Golden Colo alt 7500 Length 164.

4667. *Junco aikeni*. A. Wetmore. Sooty Mountain
Golden, Colo alt. 7500 Length 164
4668. *Junco aikeni*. A. Wetmore. Sooty Mountain
Golden, Colo alt 7500 Length 162
4669. *Junco aikeni*. A. Wetmore. Sooty Mountain
Golden, Colo alt 7500 Length 160
4670. *Junco aikeni*. A. Wetmore. Sooty Mountain
Golden, Colo alt 7500 Length 172
4671. *Penthestes gambelii gambelii*. A. Wetmore.
Sooty Mountain Golden Colo alt 7500 Length 132
4672. *Penthestes atricapillus septentrionalis*. A. Wetmore.
Chimney Gulch, Golden Colo alt 7000 Length 136
4673. *Junco caniceps*. A. Wetmore. Chimney
Gulch, Golden Colo alt 6500 Length 165
4674. *Junco caniceps*. A. Wetmore. Sooty Mountain
Golden Colo alt 7500 Length 158
4675. *Junco caniceps*. A. Wetmore. Sooty Mountain
Golden, Colo alt 7500 Length 152
4676. *Junco oregonus shufeldti*. A. Wetmore. Chimney
Gulch, Golden Colo alt 6500 Length 148
4677. *Junco oregonus shufeldti*. A. Wetmore. Sooty
Mountain Golden, Colo alt 7500 Length 150
4678. *Spizella monticola ochracea*. A. Wetmore. Chimney
Gulch, Golden Colo alt 6500 Length 154
4679. *Spizella monticola ochracea*. A. Wetmore. Sooty
Mountain, Golden Colo alt 7500 Length 155
4680. *Spizella monticola ochracea*. A. Wetmore. Clay
pits south of Golden, Colo. alt 5600 Length 156
4681. *Spizella monticola ochracea*. A. Wetmore. Clay
pits south of Golden Colo. alt 5600 Length 156
4682. *Spizella monticola ochracea*. A. Wetmore. Clay
pits south of Golden Colo alt 5600 Length 147
4683. *Spizella monticola ochracea*. A. Wetmore. Clay
pits south of Golden, Colo alt 5600 Length 155
4684. *Spizella monticola ochracea*. A. Wetmore. Clay
pits south of Golden, Colo alt 5600 Length 143

4685. *Spizella monticola ochracea*. A. Wetmore.
Clay pits south of Golden, Colo. Alt. 5600 Length 155

4686. *Spizella monticola ochracea*. A. Wetmore.
Clay pits south of Golden Colo alt 5600 Length 150

This morning I went to Golden and climbed Chimney Gulch above it was clear and fairly warm.

In the bottom of the gulch I got into a flock of juncos and got two alive and found these birds nearly everywhere I went all day. Here in the gulch the sun had not reached and the juncos were the only birds seen. White-winged juncos were as common as any of the other species. I saw all the *Parus* engaged in flycatching after a variety of gnats.

Townsend Solitaires were fairly common today and in one warm hollow they were singing. It was a low warbling song probably not as perfect as it is given in the spring but pleasing nevertheless. I found scattering birds all the way down to the plains and shot one in Mount Vernon Gulch.

In one hollow I stopped for a minute to look around when a large bird fluttered to the ground near me. As I looked it hopped onto a low perch with two whistled notes and I took it for a jay. When I picked it up however it was a fine Grosbeak. I looked carefully but I could find no others.

I ate lunch at the spring on the old ranch and stray Juncos kept coming in to me and lighting in a tree. Some of the birds taken showed only traces of white-wing bars. Further west in a draw they were still common.

In Mt. Vernon Gulch I saw hardly a bird.

The dry gully along the clay pits was alive with Western Tree Sparrows and I saw a few on Mount St. Helens. Saw only one intermediate Sparrow.

At nightfall a scattering flock of about fifty Magpies passed over me towards the mountains taking good care to keep out of range.

Saw a flock of Goldfinches on top.

Nov. 14, Sunday

4686. *Otus asio maxwelliae* Q. Wetmore. Clear Creek, Golden Colo. Length 222.

4687. *Saginus borealis* Q. Wetmore. Clear Creek east of Golden Colo. Length 252.

4688. *Saginus borealis* Q. Wetmore. Clear Creek east of Golden, Colo. Length 243.

4689. *Dryobates villosus monticola* Q. Wetmore. Clear Creek east of Golden Colo. Length 237.

4690. *Carpodacus mexicanus frontalis* Q. Wetmore. Clear Creek east of Golden Colo. Length 144.

4691. *Carpodacus mexicanus frontalis* Q. Wetmore. Clear Creek east of Golden Colo. Length 148.

4692. *Melospiza melodia montana* Q. Wetmore. Clear Creek east of Golden Colo. Length 156.

4693. *Spizella monticola ochracea* Q. Wetmore. Clear Creek east of Golden Colo. Length 159.

4694. *Spizella monticola schmacea* A. Wetmore. Clear Creek east of Golden, Colo. Length 150
4695. *Junco oreganus* A. Wetmore. Clear Creek east of Golden Colo. Length 162
4696. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 131
4697. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 132.
4698. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 136.
4699. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 136
4700. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 133.
4701. *Penthestes gambelii gambelii* A. Wetmore. Clear Creek east of Golden Colo. Length 129.
4702. *Penthestes atricapillus septentrionalis* A. Wetmore. Clear Creek east of Golden Colo. Length 137.
4703. *Penthestes atricapillus septentrionalis* A. Wetmore. Clear Creek east of Golden, Colo. Length 135.
4704. *Penthestes atricapillus septentrionalis* A. Wetmore. Clear Creek east of Golden Colo. Length 130
4705. *Penthestes atricapillus septentrionalis* A. Wetmore. Clear Creek east of Golden Colo. Length 134
4706. *Samus borealis* R. Rockwell, Simper, Colo. Nov. 14, 1909 L 260 ♂ ad.
4707. *Hesperiphona vespertina montana* E. Carter. Breckenridge, Colo. Dec 29, 1884 ♀ orig. no. C 583
4708. *Seiocoetes australis* E. Carter. Breckenridge Colo. April 10, 1874 ♂ orig. no 212
4709. *Empidonax hammondi* E. Carter. May 29, 1884 Breckenridge Colo. ♂ orig. no 458
4710. *Empidonax hammondi* E. Carter. Breckenridge Colo. June 9, 1884 ♀ orig. no 480
4711. *Oryzopsis villosus monticola* F. Lincoln, Clear Creek Golden, Colo, Nov. 6, 1909. Length 226

February 12,
This morning Scott Grise and I
drove out to Washington Creek. It was
cold but clear with a strong northwest
wind. The only birds noted until the
hills were reached were Tree Sparrows,
Crows + Cardinals.

Numbers of Song Sparrows were
seen and heard during the day and
I took two. They are much more abundant
than I can ever remember seeing them
before at this season. One taken is a
typical example of *Melospiza m. juncola*
the Dakota Song Sparrow. Being much
paler and grayer than true *Melodia*.

Tree Sparrows, eastern western
and intermediates were very common.
I noticed in those taken that the
rectrices were much worn at the tips
& result probably of the ice which
covered every thing the first of the
winter.

In the north draw it was
warm and here we found most of
the birds. Scattered Robins called from
the trees or flew overhead. I took two
in worn plumage - both males.

Also secured four *Regulus satrapa*
here. They came calling, singly through
the trees. These will be mounted.

A single Carolina Wren was seen
in the barn and at noon we heard
one sing.

Hummers were common. I shot two
but left one out there by mistake. They
were feeding on *Asclepias* north slopes
apparently immune of the wind.

Other birds taken were Rusty
Titmouse, Downy and Red bellied
Woodpecker.

1 *Passerculus sandwichensis* Savanna, Douglas Co, Kansas

Sept 10, 1910 C. W. Bunker, original number 321



